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Discussions with Dr. Christine Waterhouse and Dr. Bale, University of Rochester
April 18, 1974.

From the discussions with Dr. Waterhouse it would appear that she was not involved in the very early phase of the study. According to her Dr. Bassett the Metabolism Ward by himself. It was a small unit of two beds. Generally Dr. Bassett was assisted by one other physician. On the other hand, however, patients admitted to this Ward at times were research material for more than just Dr. Bassett and his deputy. As a matter of fact, Dr. Waterhouse at one time performed some unrelated studies on one of the plutonium people.

According to Dr. Waterhouse, Dr. Bassett was a very conscientious physician and it would appear almost inconceivable to her that Dr. Bassett would not go through the process of discussing with the patient the procedure and its possible adverse effects. She is quite sure that in view of the security he was not able to use the word plutonium but according to her it was most likely that he informed the patient that he was going to inject radioactive material.

Most of the people that worked at that time on the Metabolic Ward are now dead with the exception of one technician Geneva Horvath who may have about the project.

July 1948 *cc*
When Dr. Bassett left the University of Rochester to go to Los Angel he transferred two of the plutonium patients to Dr. Waterhouse. He did inform Dr. Waterhouse at that time that one of the patients, had been injected with plutonium. Subsequently, Dr. Waterhouse found out that the other patient had also been injected with plutonium. She does not seem to remember how she obtained the latter piece of information. Both patients have remained under the care of Dr. Waterhouse over the years and are

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still being seen by her. Both of them are elderly people who repeatedly were admitted to the Metabolic Ward for medical problems and never for reasons related to the plutonium study.

In the past year Dr. Waterhouse stated that she was approached by Rowland and was visited by Dr. Littman from the Center for Human Radiobiology in regard to the surviving plutonium patients. She clearly agreed to cooperate in this venture because she felt that for scientific reasons it was important to collect information on these patients. As a result of this, excreta were collected from the two patients during their stay at the Metabolic Ward. Dr. Waterhouse explicitly stated that she did not tell the patients except collect excreta -- that the patients were admitted because the patients were sick and not for the plutonium study. In addition, she agreed to having people from the Argonne Laboratory measure radioactivity in one of the patients.

During the visit she emphasized that she is willing and planning to disclose to both of these patients as soon as possible the fact that they were injected with plutonium. She has not done it at this time in order not to interfere with any plans the Commission might have for disclosure to all of the people involved in the study.

Dr. Waterhouse gave us the opportunity to have a quick look at some of the patient medical records and several of the Ward books. Superficial inspection of these documents would lead to the conclusion that the medical files do not contain any information either on the matter of consent or on the plutonium study itself. I indicated to Dr. Waterhouse that in the future need may arise to have a closer look at these records. She indicated that she would cooperate.

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In a separate folder that came with the medical records I found a number of documents - some of them relating to the plutonium study which were copied and brought back to Headquarters. Following documents were brought back:

1. Receipt of material - Ltr. to Dr. Friedell dated 2/14/67
2. Ltr. to Dr. Bradbarry from Andrew Dowdy dated 2/18/47 re writing of cooperative report of study.
3. Ltr. to Dr. Friedell from Andrew H. Dowdy dated 2/18/47 re including Oak Ridge case in report on plutonium studies
4. Memo to Dr. Bale from Dr. Bassett - Rough draft of sections responsible for on Report of Pu+4 citrate dated 7/23/47
5. Memo to Dr. Bale from Dr. Bassett dated 12/2/47 re Proposal of work for metabolism section
6. Memo to Dr. Dowdy from Dr. Bale dated 12/3/47 re Program of Work for Metabolism Section
7. Publication of Work performed under Contract No. _____, LASL and Contract No. W-7401-3ng-49, The University of Rochester - no date
8. Ltr. to Wright Langham from Dr. Bassett dated May 11, 1948 re outline of book
9. Memo to Dr. Bale from Dr. Blair re Human Metabolism Program dated 1/6/48
10. Transmittal control of technical report dated 1/23/48 re The Excretion of Hexavalent Uranium Following Intravenous Administration II Human Studies

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11. Memo to Jane Wike from Marianne Maurer re Change of Address
12. Classified Material Receipt dated 6/25/48 re The Excretion of Hexavalent Uranium Following Intravenous Administration. II Studies on Human Subjects
13. Memo to Miss Jane Wike from Marianne Maurer re Transmittal of Technical Report Form dated 6/25/48
14. Memo to Dr. Howland from Marianne Maurer re Transfer of Personnel of Metabolism Section

Subsequently I met with Dr. William F. Bale of the Atomic Energy Project whose name appears quite regularly in the files. Dr. Bale at the time was _____ to Dr. Blair. Dr. Bale indicated that he was aware of the project at that time; that he did not remember whether the matter of consent was discussed before the study was initiated but indicated that he has a fairly complete file on the MED phase of the Rochester project and would be willing to go through the files to see if there are any documents of interest to us. I would recommend that in the very near future someone visit Dr. Bale to search his early records for documents pertinent to the plutonium study.

W. W. Weyzen

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